Line 9,   change "system, in which" to --system.--;

Line 10,   change "the" (first occurrence) to --The--; and

In between Lines 16 and 17 insert the following heading:

--BACKGROUND OF THE INVENTION--

Page 2 (Amended)

Line 8,   change "system, in which the" to --system. The--;

In between Lines 17 and 18 insert the following heading:

-- SUMMARY OF THE INVENTION--

Line 25,   change "unit, the" to --unit. The--; and

Line 27,   change "checkbit, and the" to --checkbit. The--.

Page 2a (Amended)

Line 6,   after "timer" insert --.--;

Line 7,   change "which, at" to --At--; before "switches" insert --the timer--;

Line 8,   change "condition, in which the" to --condition. The--;

Line 14,   change "addresses, a" to --addresses. A--; after "is" insert --,--;

after "case" insert --,--; and

Lines 17 and 18   delete "bit message as correct only if the two multi-bit

messages match one another".

Page 3

Line 6,   insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Line 14,   insert the following heading:

A 5   --DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS--;[and]

Line 16,   change "comprises" to --includes--.

Page 4

Line 7,   change "comprising" to --including--; after "bits" insert --,--;

Line 15,   change "comprises" to --includes--; and

Line 23,   change "comprising" to --including--.

Page 5

Line 33,   change "expires and" to --expires. Further--.

Page 6

Line 4,   after "is" insert --,-- and

Line 5,   after "case" insert --,--.

IN THE CLAIMS

Please amend the claims as follows:

1.   (Amended) Method for transferring data between a secure computer [(1),

e.g. an error-protected stored-program control (1)], and a [number] plurality of

input/output units [(2 to 4)] via a bus control unit [(6)] connected to the secure computer

[(1)] and a serial bus system [(5)], in which the bus control unit [(6)] cyclically activates

the plurality of input/output units [(2 to 4)] connected to the bus system [(5)] and

transfers a multi-bit message [(8)] to the respective activated input/output unit [(e.g. 4)],

[characterized in that] comprising: